

Towards a European vision of Innovation

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More and better innovation is urgently needed

- Communities / Commons
→ creation and preservation of commons of product design and manufacturing (*ex. electronic paper*)
- Shortened Supply chains
→ prohibitive cost, congestion, pollution require shortened supply chains (*ex. congested harbours*)
- Energy, demography, environment
→ crises offer new opportunities, but others seem to act faster (*ex. China*)

→ *Challenges = opportunities we cannot afford to miss*

Innovation requires an integrated knowledge triangle

- Actors in the knowledge triangle are at the core of the innovation web
 - *Enhanced capacities* + high degree of integration + leadership are prerequisites for scaling up Europe's innovation performance
- European Institute of Innovation and Technology (EIT):
 - *thrives on synergies with other EU and national actions*
 - simultaneously addresses all 3 sides of the knowledge triangle
 - addresses leadership in the business sense

EIT mission

**„To be the catalyst for
a step change in the
European Community's innovation
capacity and impact.“**

Knowledge and Innovation Communities (KICs)

- EIT through KICs is creating a new European way to deliver essential economic growth through innovation by
- challenging vital few tough challenges towards European world-class innovation impact in the knowledge triangle

KICs as innovation test beds addressing critical questions:

- What makes people and teams innovative?
- What makes an innovative place?
- What builds entrepreneurship?
- How do we educate and train entrepreneurs?
- How can open innovation work for advanced industry?
- How can we measure innovation?

KICs – testing the knowledge triangle in practice

- KICs = collaborative partnerships, legally and financially structured entity of internationally distributed but thematically convergent partners
- KIC partners = key actors from the knowledge triangle: research, education, and innovation-entrepreneurship-business
- KIC co-location = people from diverse backgrounds (industry, SMEs, academia, nationality, gender, discipline...) working together across the innovation web

→ KICs build innovative webs of excellence across the knowledge triangle: Innovation can start at any place in the web

KIC deliverables and focus

- **New Business Creation**
 - For existing industry
 - For new endeavours
- **Education and development of entrepreneurial people**
- **Job creation, brain gain and other societal impact**
- **Current focus**
 - Climate Change Mitigation and Adaption
 - Sustainable Energy
 - Future Information and Communication Society

Our vision: KIC 'challenges/impact'

- Excellence in a web of innovation leading to KICs *competitive on a world scale*
- Contribute to ongoing developments in higher education and acting as a catalyst for *improvements in curricula and learning and teaching methods*
- Entrepreneurship education *delivering top entrepreneurial people*
- Exploiting entrepreneurship through new and existing private companies, SMEs, start ups, and new business models/approaches leading to *new business creation*

KIC 'challenges/ *impact*' (2)

- Technical and non-technical research and technology leading to *full exploitation of innovation opportunities*
- Bridging local capabilities to *Europe wide opportunities*
- Working in co-location centres encompassing the larger part of the innovation web with face-to-face contact, thus leading to *great mobility of knowledge and underpinning the bridging*
- With an IPR policy motivating for the stakeholders *allowing broad usage of IPR in and outside Europe*
- With a strong EIT brand *restoring pride in Europe's innovation and international recognition*

KICs-essential challenges for impact

- CEO type leadership *leading to drive and focus*
- A monitored business plan around deliverables with targeted investment returns and drivers identified upfront *leading to relentless focus on results/deliverables*

The Way Forward

- Consolidation and learning from KICs
- Building a culture of performance oriented innovation and new business creation through
 - highly interactive physical and virtual communication
 - recognition of exceptional performance
 - an entrepreneurship academy
- Help universities build innovative new curricula and education
 - targeting strong multi-disciplinary and entrepreneurship skills
 - branding through EIT labeled degrees and diplomas
 - an entrepreneurship award

The Way Forward (2)

- Foster new business creation through
 - New business and innovation models
 - New ways of financing: business buy-in and EIT Foundation
 - Bringing in best practices through the Entrepreneurship Academy
 - Deliver world-class impact measured through
 - Simple benchmarking on a world scale ('reference')
 - Simple performance balanced score cards ('output')
 - Shape the EIT agenda and KICs for the future (SIA of EIT)
- *for all actions: EIT will work with all actors of the knowledge triangle and in a context of other EU and national initiatives*

The knowledge triangle shaping the future of Europe

- The knowledge triangle will shape the future of Europe, if
- we recognise and accept challenges
 - we build entrepreneurship as the 'glue' of the triangle
 - we act and deliver for education, research and business